

REMARKS

Entry of this amendment in this application, prior to its examination, is respectfully requested.

Claims 1 through 24 are in this case. Claims 21 (second instance) through 23 are amended.

The specification is amended to claim priority of a second provisional U.S. application.¹ This additional claim of priority is made within four months of the filing date of this application, and within sixteen months of the filing date of the earliest-filed application from which priority is claimed. As such, this additional claim of priority is timely.²

A Supplemental Application Data Sheet is enclosed, and includes a reference to this second provisional U.S. application from which priority is now claimed.

The amendment to the claims simply renumbers claims 21 (second instance) through 23 as claims 22 through 24. Claims 23 and 24 (after renumbering) are also amended so as to now have proper dependency upon renumbered claim 22. This amendment corrects the typographical error in the application as filed, in which two claims were numbered as claim 21. No new matter is presented.

Authority to charge the fee for the additional claim is provided on the enclosed Fee Transmittal (PTO/SB/17).

Applicants wish to direct the attention of the Patent and Trademark Office to the references cited on the enclosed PTO-1449. These papers are being filed within three months of the filing of this application, and therefore this submission of these references is timely.³ Consideration of this information in the examination of this application is requested.

¹ 35 U.S.C. §119(e)(1).

² 37 C.F.R. §1.78(a)(5).

³ 37 C.F.R. §1.97(b).

Entry of this amendment in, and favorable consideration of, this application are therefore respectfully requested.

Respectfully submitted,



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CERTIFICATE OF MAILING

37 C.F.R. 1.8

The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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on January 25, 2002.



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Version with markings to show changes made:

In the specification:

Replace paragraph [0001] with the following:

[0002] This application claims priority, under 35 U.S.C. §119(e), of provisional application No. 60/280,793, filed April 2, 2001, and of provisional application No. 60/279,830, filed March 29, 2001.

In the claims:

Rewrite claim 21 (second instance) to read as follows:

~~21~~ 22 (amended). The method of claim 18, wherein the forming step comprises:
performing an inverse orthogonalizing transform on the payload signal;
applying a filter response for the current phase to the transform of the payload
signal;
adding the trial clip prevention signal, in a time domain form and after applying
the filter response for the current phase thereto, to the payload signal after the applying step.

Rewrite claim 22 to read as follows:

~~22~~ 23 (amended). The method of claim ~~21~~ 22, wherein the modifying step comprises:
computing a vector corresponding to the current phase; and
for each of the plurality of phases, modifying the trial clip prevention signal with
the clipped sum signal for the current phase.

Rewrite claim 23 to read as follows:

~~23~~ 24 (amended). The method of claim ~~22~~ 23, wherein the step of modifying the trial clip prevention signal with the clipped sum signal for the current phase comprises:

applying a shaping function to the vector, and adding the result to the trial clip prevention signal filtered by the filter response for the phase.